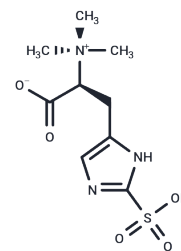


Ergothioneine sulfonate

Chemical Properties

CAS No. :	1651182-16-9
Formula:	C ₉ H ₁₅ N ₃ O ₅ S
Molecular Weight:	277.30
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ergothioneinesulfonate, a sulfonic acid derivative of ergothioneine, exhibits antioxidant properties. It is converted into a stable sulfonate form through redox reactions. This compound can be utilized in research focused on the mechanisms underlying inflammation and oxidative stress-related diseases.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6062 mL	18.031 mL	36.062 mL
5 mM	0.7212 mL	3.6062 mL	7.2124 mL
10 mM	0.3606 mL	1.8031 mL	3.6062 mL
50 mM	0.0721 mL	0.3606 mL	0.7212 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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